005207 E9926960

FIG. 1

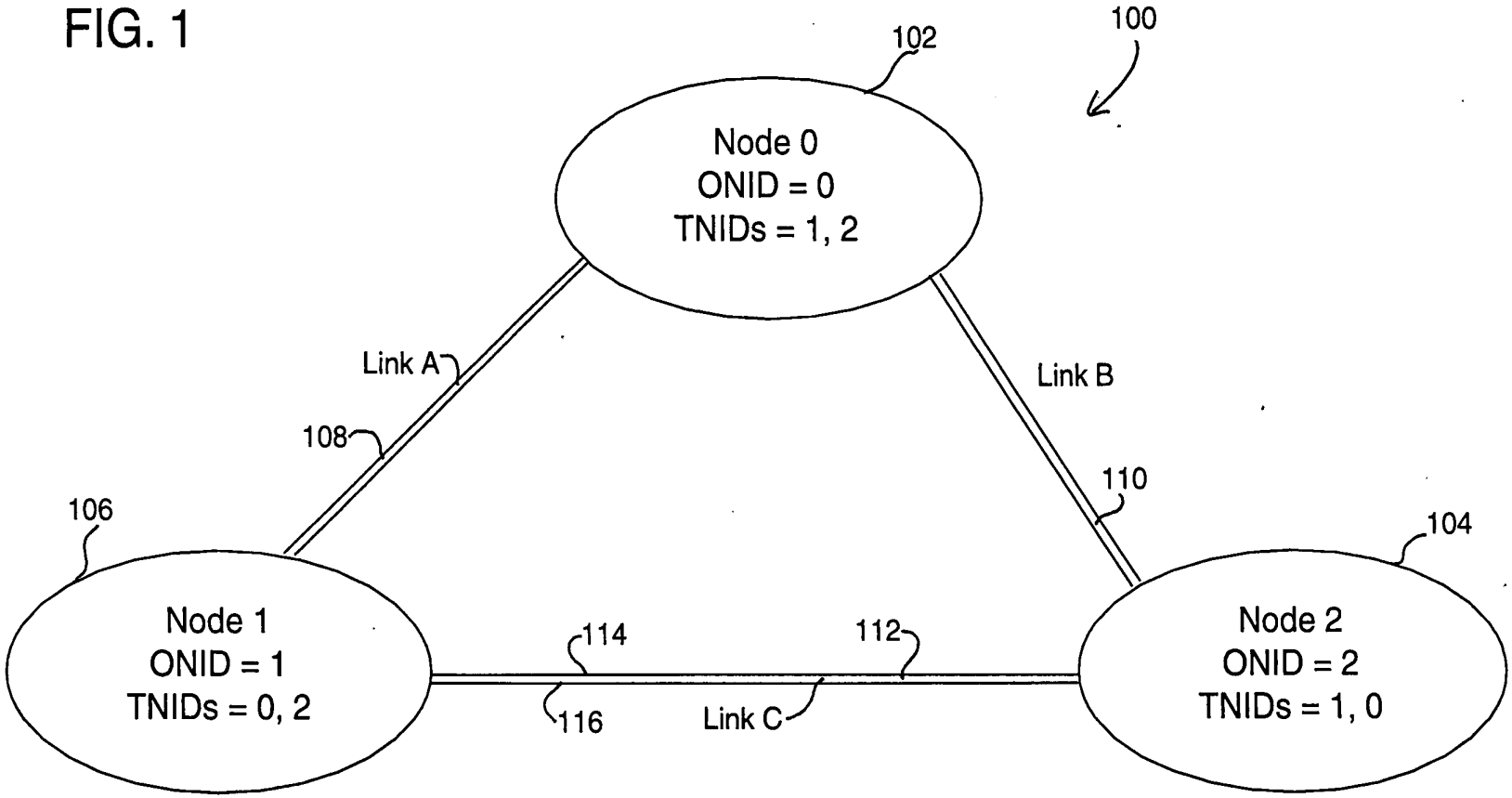

FIG. 2

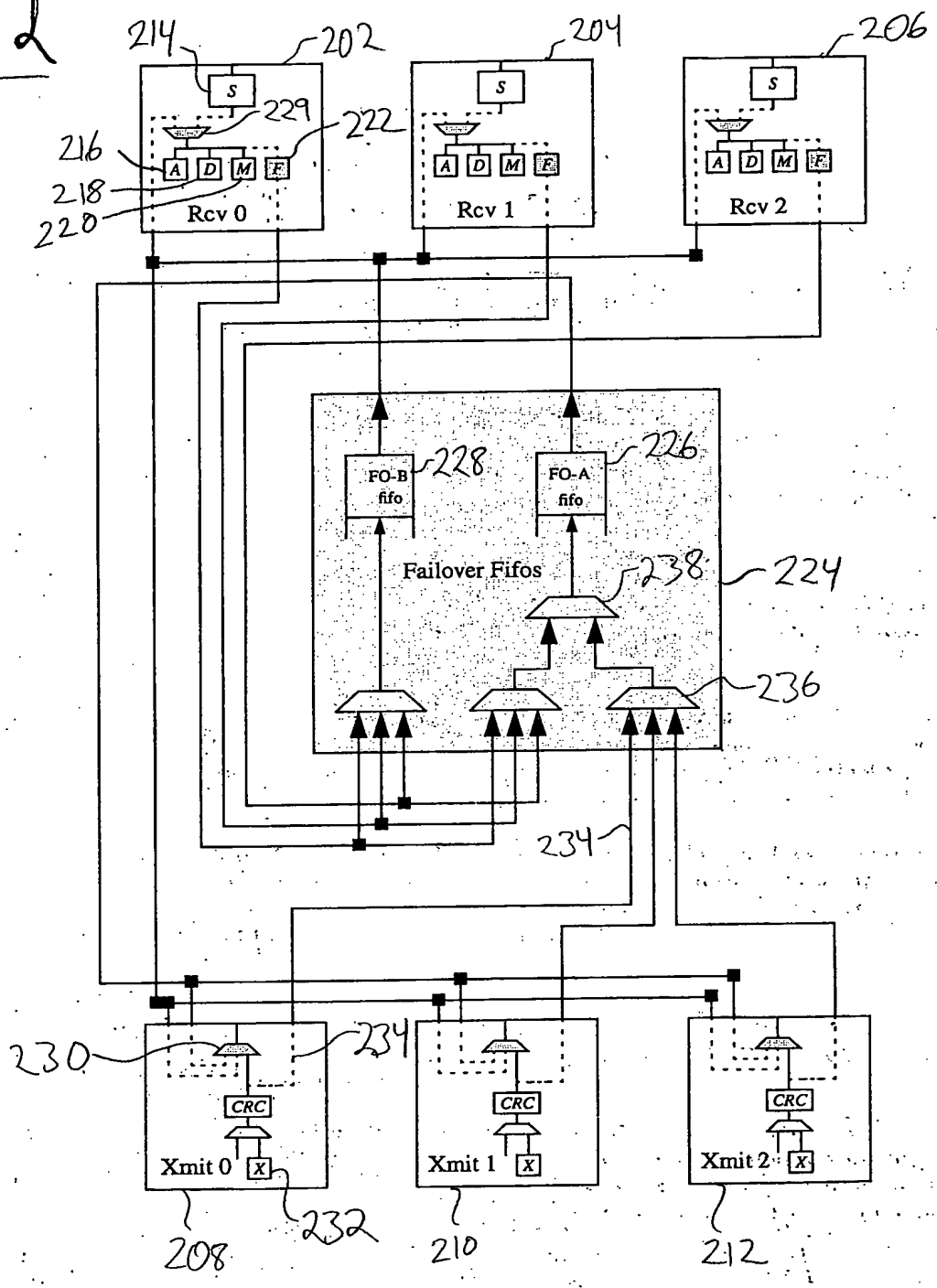

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FIG. 3A

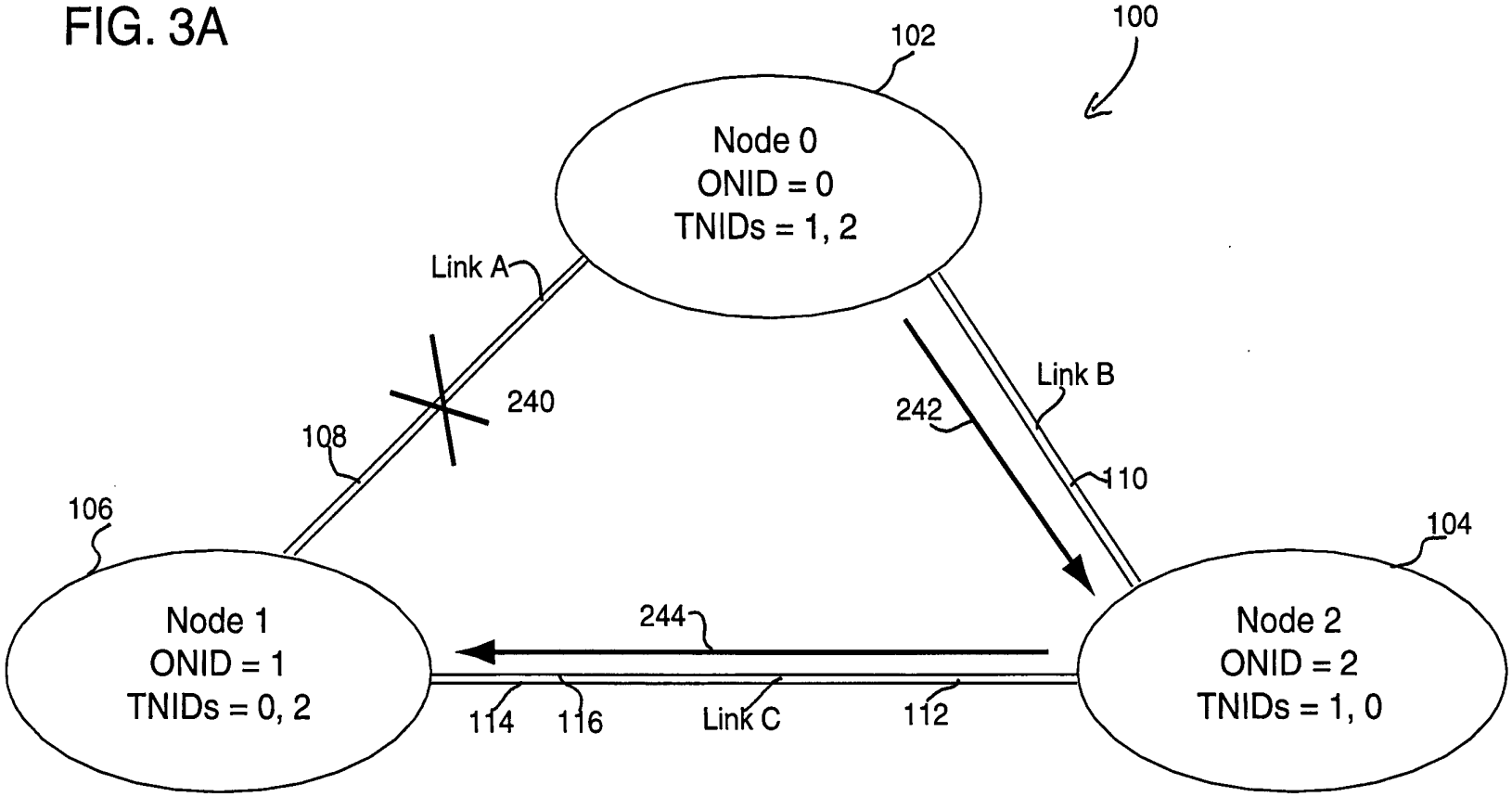

FIG. 3B

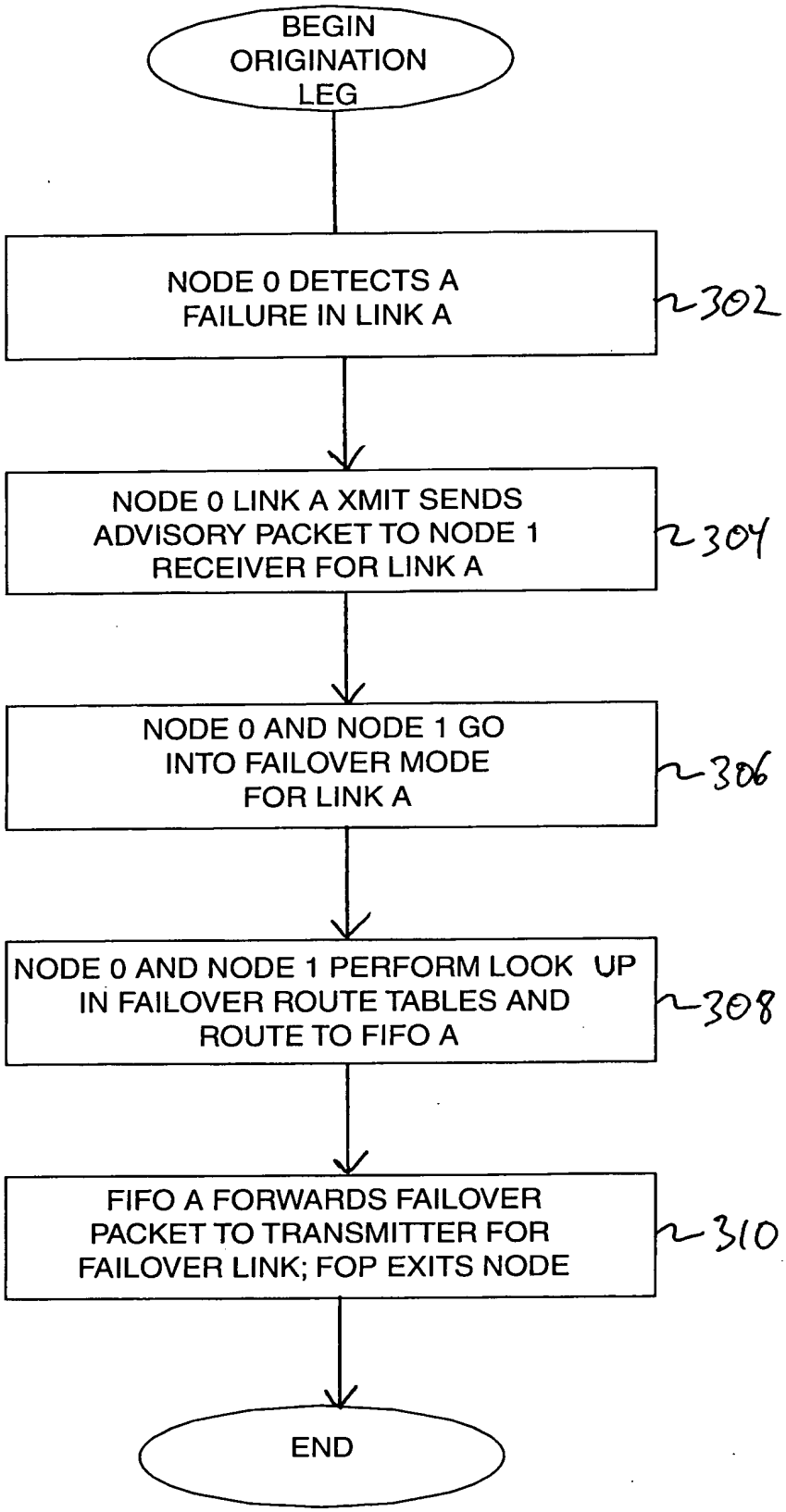
BEGIN ORIGINATION LEG
NODE 0 DETECTS A FAILURE IN LINK A
302
NODE 0 LINK A XMIT SENDS ADVISORY PACKET TO NODE 1 RECEIVER FOR LINK A
304
NODE 0 AND NODE 1 GO INTO FAILOVER MODE FOR LINK A
306
NODE 0 AND NODE 1 PERFORM LOOK UP IN FAILOVER ROUTE TABLES AND ROUTE TO FIFO A
308
FIFO A FORWARDS FAILOVER PACKET TO TRANSMITTER FOR FAILOVER LINK; FOP EXITS NODE
310
END

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FIG. 4

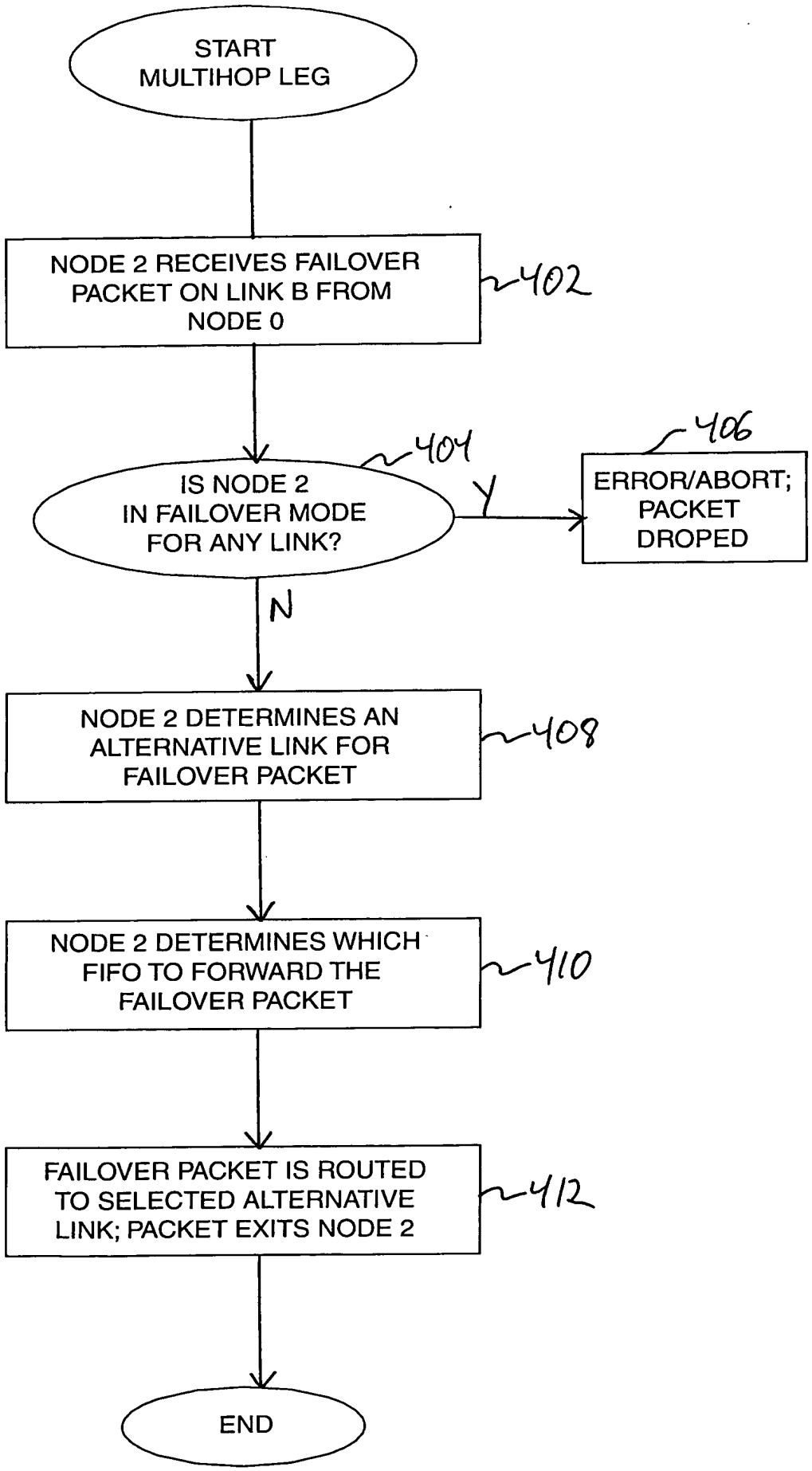

FIG. 5

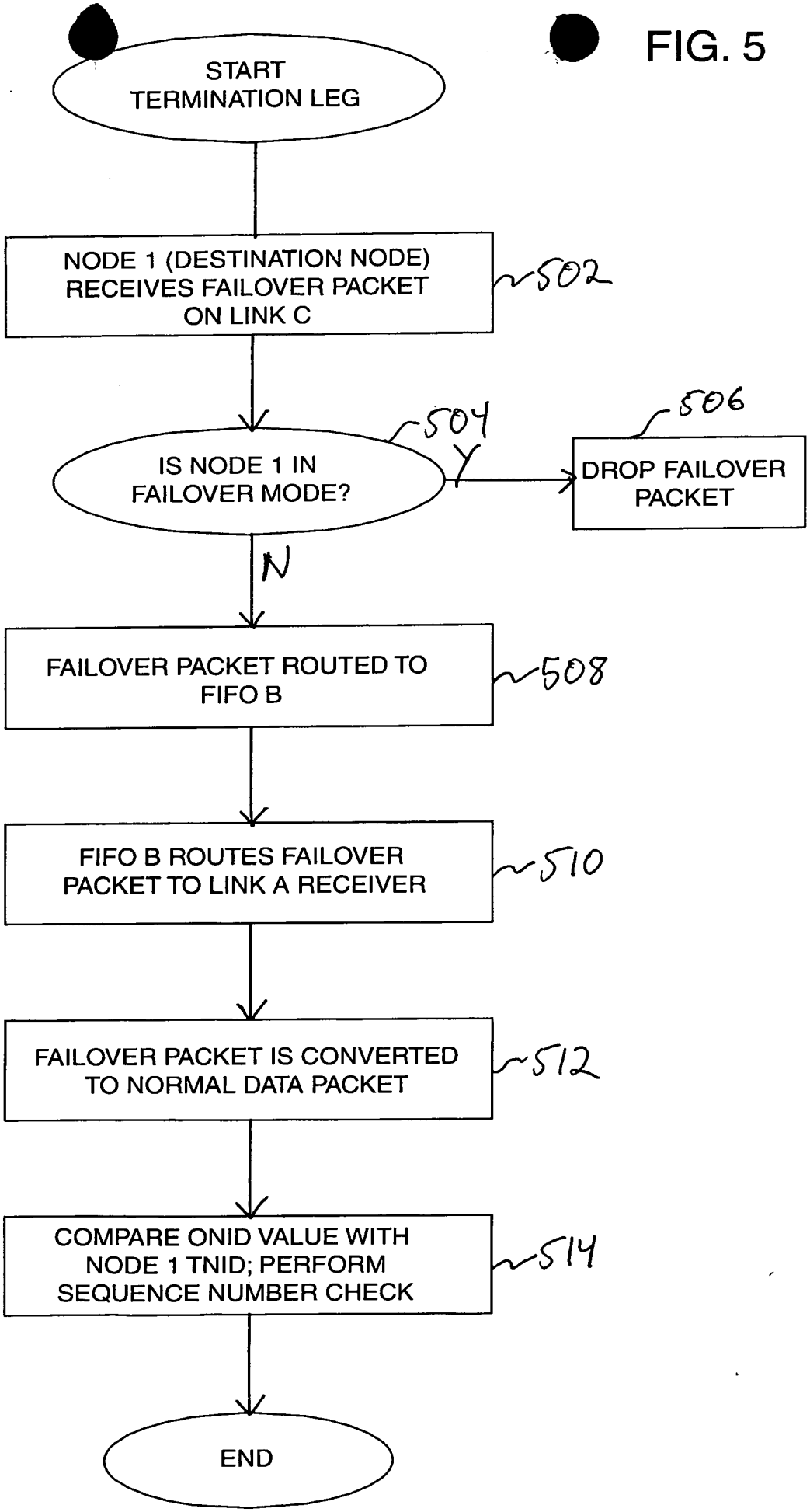

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FIG. 6

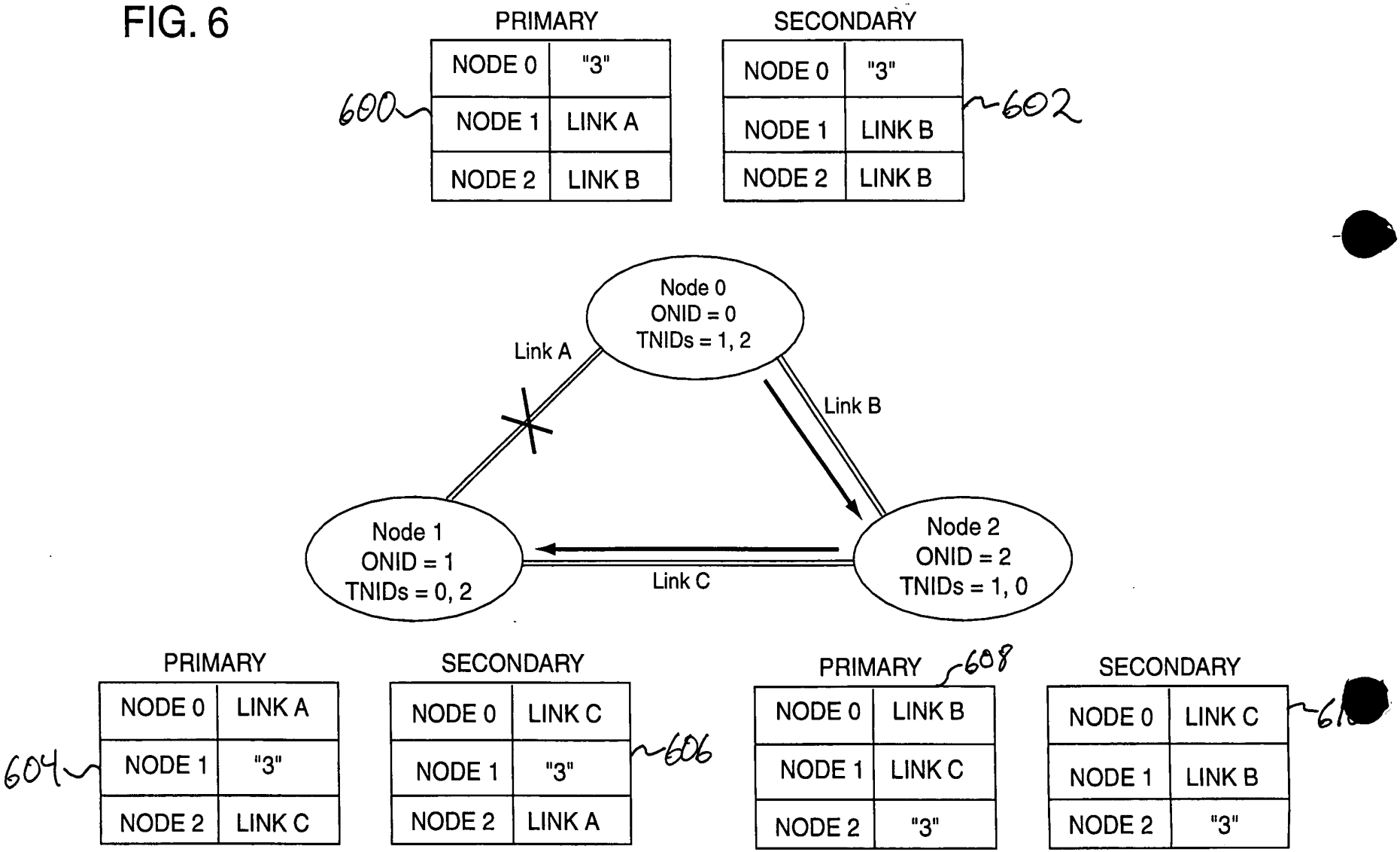
PRIMARY
NODE 0 "3"
NODE 1 LINK A
NODE 2 LINK B
600
SECONDARY
NODE 0 "3"
NODE 1 LINK B
NODE 2 LINK B
602
Node 0
ONID = 0
TNIDs = 1, 2
Link A
Link B
Node 1
ONID = 1
TNIDs = 0, 2
Link C
Node 2
ONID = 2
TNIDs = 1, 0
PRIMARY
NODE 0 LINK A
NODE 1 "3"
NODE 2 LINK C
604
SECONDARY
NODE 0 LINK C
NODE 1 "3"
NODE 2 LINK A
606
PRIMARY
608
NODE 0 LINK B
NODE 1 LINK C
NODE 2 "3"
SECONDARY
NODE 0 LINK C
NODE 1 LINK B
NODE 2 "3"

FIG. 7

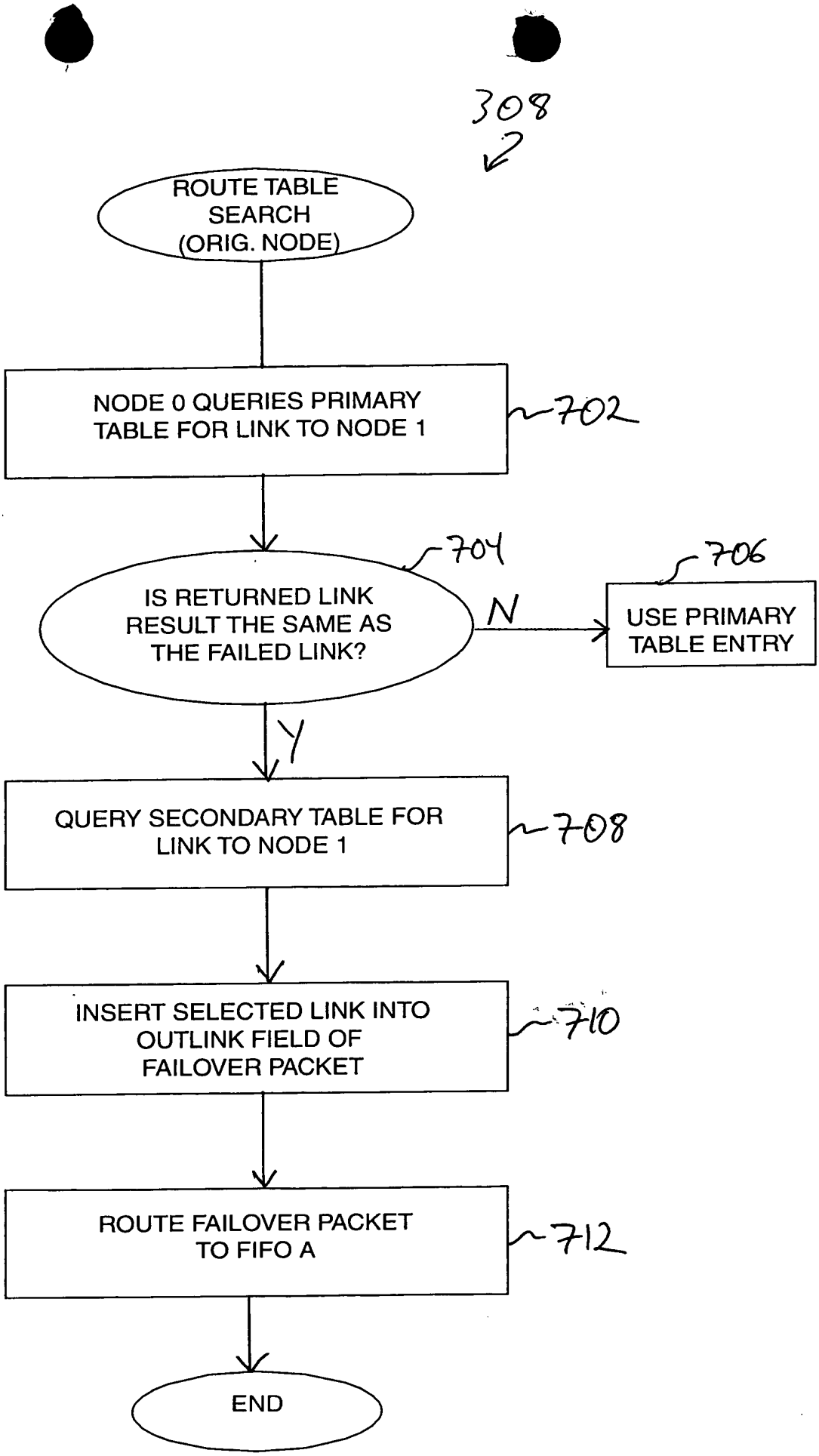

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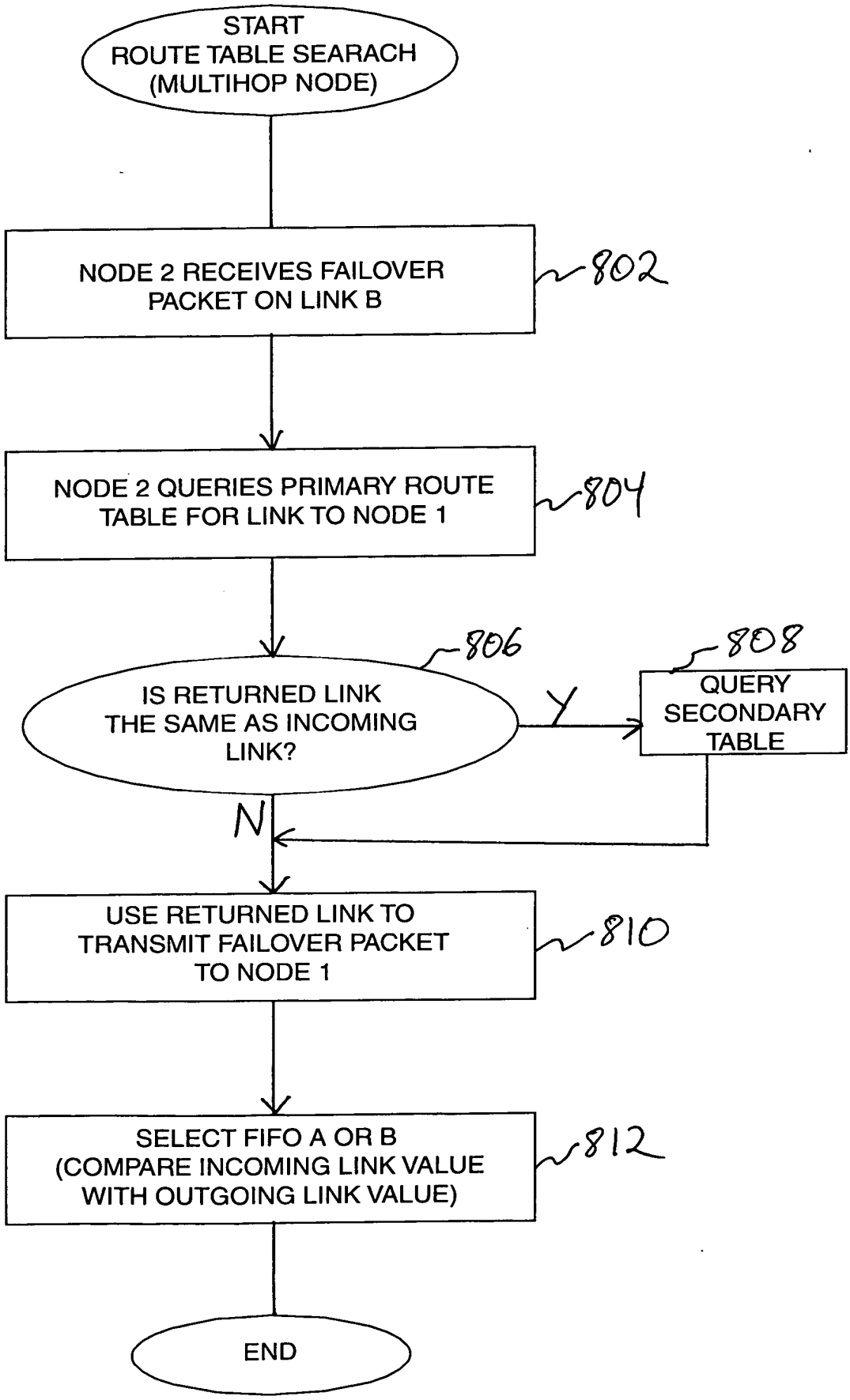
FIG. 8



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